EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2234	(118/725).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/02 16:44
S2	2	"20070141846"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/07 16:02
S3	3	(("6157106") or ("6222990") or ("6133152")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/07 16:04
S17	95	US-4401689-$.DID. OR US-5525157-$.DID. OR US-5685906-$.DID. OR US-5849077-$.DID. OR US-5843234-$.DID. OR US-4522149-$.DID. OR US-5261960-$.DID. OR US-6013319-$.DID. OR US-3623712-$.DID. OR US-4081313-$.DID. OR US-4322592-$.DID. OR US-4496609-$.DID. OR US-4518455-$.DID. OR US-4773355-$.DID. OR US-4778559-$.DID. OR US-4823735-$.DID. OR US-4825809-$.DID. OR US-4837052-$.DID. OR US-4891335-$.DID. OR US-4938815-$.DID. OR US-4956046-$.DID. OR US-5286297-$.DID. OR US-5316794-$.DID. OR US-5411593-$.DID. OR US-5464499-$.DID. OR US-5746834-$.DID. OR US-5891250-$.DID. OR US-5954881-$.DID. OR US-6099650-$.DID. OR US-6129048-$.DID. OR US-6444027-$.DID. OR US-6596095-$.DID. OR US-20010037761-$.DID. OR US-20060231035-$.DID. OR US-4339645-$.DID. OR US-4263872-$.DID. OR US-4421786-$.DID. OR US-4386255-$.DID. OR US-4275282-$.DID. OR US-4499853-$.DID. OR US-4846102-$.DID. OR US-5179677-$.DID. OR US-5221556-$.DID. OR US-5275686-$.DID. OR US-5322567-$.DID. OR US-5370709-$.DID. OR US-5411590-$.DID. OR US-5421957-$.DID. OR US-5458918-$.DID. OR US-5518549-$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/10/07 16:07
S19	39	S5-16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/07 16:13
S20	3	(("6157106") or ("6222990") or ("6133152")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 07:58

S21	95	US-4401689-$.DID. OR US-5525157-$.DID. OR US-5685906-$.DID. OR US-5849077-$.DID. OR US-5843234-$.DID. OR US-4522149-$.DID. OR US-5261960-$.DID. OR US-6013319-$.DID. OR US-3623712-$.DID. OR US-4081313-$.DID. OR US-4322592-$.DID. OR US-4496609-$.DID. OR US-4518455-$.DID. OR US-4773355-$.DID. OR US-4778559-$.DID. OR US-4823735-$.DID. OR US-4825809-$.DID. OR US-4837052-$.DID. OR US-4891335-$.DID. OR US-4938815-$.DID. OR US-4956046-$.DID. OR US-5286297-$.DID. OR US-5316794-$.DID. OR US-5411593-$.DID. OR US-5464499-$.DID. OR US-5746834-$.DID. OR US-5891250-$.DID. OR US-5954881-$.DID. OR US-6099650-$.DID. OR US-6129048-$.DID. OR US-6444027-$.DID. OR US-6596095-$.DID. OR US-20010037761-$.DID. OR US-20060231035-$.DID. OR US-4339645-$.DID. OR US-4263872-$.DID. OR US-4421786-$.DID. OR US-4386255-$.DID. OR US-4275282-$.DID. OR US-4499853-$.DID. OR US-4846102-$.DID. OR US-5179677-$.DID. OR US-5221556-$.DID. OR US-5275686-$.DID. OR US-5322567-$.DID. OR US-5370709-$.DID. OR US-5411590-$.DID. OR US-5421957-$.DID. OR US-5458918-$.DID. OR US-5518549-$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/10/08 07:58
S22	39	S5-16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S23	137	S20 or S21 or S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S24	51	S23 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 07:58
S26	14123	((156/345$,583$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/08 09:57
S28	9	S26 quartz adj window near (edge|side|slant|slope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 09:58
S29	266320	(cool$3 adj (water|fluid|liquid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:07

S30	286816	S29 or (lower$3|reduc$3|decreas$3) adj4 (water|fluid|liquid|temperature|heat$3) AND (cool$3 adj (gas|vapor|media|fluid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S31	592	S30 and quartz adj window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S32	235	S30 and quartz adj window and rotation$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:08
S33	5993	cool$3 adj water near2 (jacket|shield|ring|border)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:13
S34	168	S33 and (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:13
S35	259114	S34 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 10:18
S36	61	S34 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:18
S37	2	2003-289050	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:26
S38	3	"2003289050"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:27
S39	3	(("6157106") or ("6222990") or ("6133152")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 10:28
S40	42	"4113547" | "4469529" | "4493977" | "4535227" | "4535228" | "4751370" | "4789771" | "4891499" | "5294778" | "5315092" | "5414244" | "5467220" | "5551982" | "5830277" | "5831249" | "5848889").PN. OR ("6222990").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:28
S41	34	("5155336" | "5527393" | "5660472" | "5755511" | "5884412" | "5960555" | "6035100" | "6048403").PN. OR ("6157106").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:31

S42	12	("5820686" | "5851299" | "5884412").PN. OR ("6133152"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 10:33
S43	0	"2006541018"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:35
S44	1	"112004002277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:36
S45	0	"H01L 21/324"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:37
S46	358	H01L21/324.ipc. or H01L21/20-288. ipc. or H01L21/302-322.ipc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:39
S47	358	H01L21/324.ipc. or H01L21/20-288. ipc. or H01L21/302-322.ipc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:39
S48	358	H01L21/324.ipc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:41
S49	8735	rapid adj thermal adj process$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:43
S50	2	S49 and horizontal near gas near flow	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:44
S51	283	117/93.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:50
S52	63712	(117|118|216|438|156).clas. oxygen	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58
S53	12010	(117|118|216|438|156).clas. oxygen quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58

S54	728	(117|118|216|438|156).clas. oxygen quartz heat$3 cool$3 adj water	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:58
S55	20	(117|118|216|438|156).clas. oxygen quartz heat$3 cool$3 adj water and edge adj ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:59
S56	72075	(117|118|216|438|156).clas. (susceptor|chuck|holder|carrier|boat| disc|ring) (hexagon|shap$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:03
S57	793	(117|118|216|438|156).clas. (susceptor|chuck|holder|carrier|boat| disc|ring) (hexagon)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:03
S58	9	(117|118|216|438|156).clas. (susceptor|chuck|holder|carrier|boat| disc|ring).ti. (hexagon)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:04
S59	120	(117|118|216|438|156).clas. (susceptor|chuck|holder|carrier|boat| disc|ring).ti. (polygon$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:06
S60	7	("4647437" | "4661324" | "4968380" | "5037622" | "5156978").PN. OR ("5551977").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:09
S61	18	("3015592" | "3591348" | "3687633" | "4036666" | "4056404" | "4230674" | "4304623").PN. OR ("4647437"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:12
S62	11	("3591348" | "4028059" | "4230674" | "4647437" | "4968380" | "5037622" | "5085728" | "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 11:25
S63	1	("20020069970").PN. OR ("7416633").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 13:27
S64	0	("(chamberreactorprocess $3near2tube)withcornerwith(round $4smooth$4curv$4arc$3)").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/08 17:13
S65	0	(chamber reactor process$3 near2 tube) with corner with (round$4 smooth$4 curv$4 arc$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 17:13
S66	0	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 17:13

S67	5731	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:14
S68	5731	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:15
S69	420573	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3) (118|156|216|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S70	415151	(118|156|216|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S71	309	S70 and S68	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 17:16
S72	16	("4755654" | "5085887" | "5574247" | "6090458" | "6099648" | "6156079").PN. OR ("6437290"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/08 17:35
S73	654	"6301434" or "5000113"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 06:55
S74	2	(("5000113") or ("6301434")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/09 06:56
S75	407	("3627590" | "3661637" | "4492716" | "4496809" | "4503807" | "4550685" | "4625678" | "4693211" | "4695700" | "4745088" | "4747368" | "4767641").PN. OR ("5000113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 06:56
S76	12027	(117|118|216|438|156).clas. oxygen quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 07:18
S77	393	S76 shape adj5 (chamber|vessel| reactor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 07:18

S78	46	("4421786" | "4496609" | "4654509" | "4680451" | "4728389" | "4755654" | "4789771" | "4798165" | "4800105" | "4874464" | "4920918" | "5094885" | "5156820" | "5194401" | "5373806" | "5446824" | "5618351" | "5710407" | "5781693" | "5830277" | "5848889" | "6002109").PN. OR ("6301434"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 07:18
S79	42	("4113547" | "4469529" | "4493977" | "4535227" | "4535228" | "4751370" | "4789771" | "4891499" | "5294778" | "5315092" | "5414244" | "5467220" | "5551982" | "5830277" | "5831249" | "5848889").PN. OR ("6222990"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 07:33
S80	5586575	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3) (118|156|216|438).clas. rapid thermal processing	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:19
S81	309	(chamber reactor process$3 near2 tube) with shape with (smooth$4 curv $4 arc$3) and (118|156|216|438). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:20
S82	72035	curv$3 and inner adj wall	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S83	83642	curv$3 and inner adj wall S76	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S84	420	curv$3 and inner adj wall and S76	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:24
S85	323	curv$3 and inner adj wall and S76 and (angle|degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:45
S86	15	curv$3 near inner adj (wall|corner| surface) and S76 and (angle|degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:46
S87	154941	curv$3 near inner adj (wall|corner| surface) same S74 (angle|degree) and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:48

S88	30	curv$3 near inner adj (wall|corner| surface) same2 (angle|degree) and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 08:48
S89	0	therma adj2 reactor applied adj materials.as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:50
S90	0	therma1 adj2 reactor applied adj materials.as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:50
S91	0	therma1 adj2 reactor (applied adj materials.as.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:51
S92	102	thermal adj2 reactor (applied adj materials.as.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:51
S93	22765	window heat$3 quartz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:56
S94	16508	window heat$3 quartz (angle| degree)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S95	1	window heat$3 quartz (angle| degree) near (15-50)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S96	238	window heat$3 quartz (angle| degree) octagon$2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:57
S97	233	window heat$3 quartz (angle| degree) octagon$2 process$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58
S98	125	window heat$3 quartz (angle| degree) octagon$2 process$3 chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58

S99	7	window heat$3 quartz (angle| degree) octagon$2 process$3 "118". clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 08:58
S100	1	("20020069970").PN. OR ("7416633").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 12:35
S101	14134	((156/345$,583$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/09 14:16
S102	383	S101 quartz adj window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:16
S103	11	("3591348" | "4028059" | "4230674" | "4647437" | "4968380" | "5037622" | "5085728" | "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:17
S104	10	("3015592" | "3591348" | "3687633" | "4036666" | "4056404" | "4230674" | "4304623").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:19
S105	0	curv$3 near reaction adj chamber and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:21
S106	17	curv$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:21
S107	36	arc$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:23
S108	14	circular near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:24
S109	3	round$3 near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:25
S110	291	cylindrical near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:25
S111	9	curved adj hexagon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:30

S112	250	cylindrical near chamber adj3 wall and ("438" "156" "219" "432" "392" "118" "117").clas. and cross$9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:31
S113	2674	quartz and window and processing adj chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S114	1218	quartz and window and processing adj chamber and oxygen	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S115	919	quartz and window and processing adj chamber and oxygen and cool$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S116	160	quartz and window and processing adj chamber and oxygen and cool$3 and O-ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:33
S117	575955	quartz and window and processing adj chamber and oxygen and cool$3 and O-ring ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:34
S118	111	quartz and window and processing adj chamber and oxygen and cool$3 and O-ring and ("438" "156" "219" "432" "392" "118" "117").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 14:34
S119	1	("6454866").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/09 14:47
S120	93	("3304908" | "3627590" | "4261762" | "4313783" | "4403567" | "4457359" | "4458746" | "4508161" | "4512391" | "4522697" | "4523985" | "4527620" | "4535834" | "4535835" | "4537244" | "4542298" | "4565601" | "4567938" | "4603466" | "4654508" | "4709655" | "4724621" | "4789771" | "4790262" | "4860687" | "4911812" | "4923584" | "4949783" | "4958061" | "5027746" | "5033407" | "5033538" | "5090900" | "5096536" | "5133284" | "5148714" | "5155062" | "5156820" | "5160544" | "5180000" | "5199483" | "5215619" | "5221403" | "5230741" | "5238499" | "5248370" | "5267607" | "5287914" | "5290381" | "5292393" | "5298465" | "5308645" | "5318634" | "5320982" | "5322565" | "5332442" | "5343012" | "5343938" | "5350479" | "5352294" | "5354382" | "5356476" | "5370739" | "5382311" | "5383971" | "5387289" | "5393349" | "5403401" | "5445677"	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:49

		"5446824" | "5456757" | "5458687" "5462603" | "5467220" | "5484011" "5522131" | "5551985" | "5645646" "5656093" | "5685906" | "5738165" "5803977" | "5964947" | "6053982" |"6113702" | "6146464" | "6203622" "RE36957").PN. OR ("6454866"). URPN.				
S121	3	semi-circular near chamber (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:54
S122	3	semicircular near chamber (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:55
S123	0	semicircular near vessel (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:56
S124	0	semicircular near reactor (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:56
S125	8	("5711813" | "5714031").PN. OR ("6027604").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 14:57
S126	0	pseudo-circular near chamber (118| 156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S127	0	pseudo-circular near wall (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S128	0	pseudo-circular near vessel (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 14:58
S129	339	semi-annular same (chamber|vessel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:03
S130	10	semi-circular near housing (118| 156| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:06

S131	146	octagonal housing (118|156|438). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:07
S132	4541	annular housing (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:10
S133	289	annular housing quartz heat$3 cool $3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S134	1	annular near housing quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S135	0	annular near reactor quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:11
S136	25	curv$3 near reactor quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:12
S137	0	arc$3 near reactor quartz heat$3 cool $3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S138	0	smooth near reactor quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S139	0	round$3 near reactor quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S140	10	shape near reactor quartz heat$3 cool $3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:13
S141	0	semicircular near reactor quartz heat $3 cool$3 oxygen (118|156|438). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:15

S142	0	semicircular near wall same reactor quartz heat$3 cool$3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:15
S143	40	semicircular wall quartz heat$3 cool $3 oxygen (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 15:16
S144	93	US-5407647-$.DID. OR US-4336108-$.DID. OR US-4425757-$.DID. OR US-5192517-$.DID. OR US-5259456-$.DID. OR US-5362464-$.DID. OR US-5727538-$.DID. OR US-6196056-$.DID. OR US-4255926-$.DID. OR US-5565180-$.DID. OR US-4273025-$.DID. OR US-4317540-$.DID. OR US-4563982-$.DID. OR US-4764085-$.DID. OR US-4919826-$.DID. OR US-4963329-$.DID. OR US-5023064-$.DID. OR US-5520858-$.DID. OR US-5554344-$.DID. OR US-5662838-$.DID. OR US-6228146-$.DID. OR US-4381898-$.DID. OR US-4391860-$.DID. OR US-4582254-$.DID. OR US-4808534-$.DID. OR US-4861261-$.DID. OR US-4871580-$.DID. OR US-4976685-$.DID. OR US-5231991-$.DID. OR US-5439509-$.DID. OR US-5542828-$.DID. OR US-5602435-$.DID. OR US-5672196-$.DID. OR US-5782080-$.DID. OR US-5785902-$.DID. OR US-5803938-$.DID. OR US-5839271-$.DID. OR US-5904850-$.DID. OR US-6063196-$.DID. OR US-6076517-$.DID. OR US-6099596-$.DID. OR US-6108096-$.DID. OR US-6123523-$.DID. OR US-6179054-$.DID. OR US-6192669-$.DID. OR US-6197117-$.DID. OR US-4272260-$.DID. OR US-4286652-$.DID. OR US-4297318-$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/11/14 16:28
S145	2	"6702899"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/14 16:40
S146	14	("4768921" | "5328722" | "5350275" | "5364667" | "5387079" | "5482430" | "5540783" | "5578131" | "5688106" | "5750436" | "5792272" | "5924841" | "5972114" | "6355109").PN. OR ("6702899").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 16:40
S147	548463	(118|156|438|427|216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:52

S148	2424	S147 (chamber|vessel|interior) near (shape|arc|line|degree|curv$6| line)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S149	2773	S147 (chamber|vessel|interior) near (shape|arc|line|degree|curv$6| line| angle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S150	385	S147 (chamber|vessel|interior) near (shape|arc|line|degree|curv$6| line| angle) and (rapid thermal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 16:53
S151	4266	(chamber|vessel) adj3 (top|view| cross-section|interior) (118|156).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 17:09
S152	1646	(chamber|vessel) adj (top|view|cross-section|interior) (118|156).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 17:09
S153	58	("3560166" | "3598082" | "3627590" | "3744964" | "3830194" | "3956860" | "4076869" | "4108108" | "4188519" | "4512283" | "4533820" | "4539933" | "4545327" | "4590024" | "4770630" | "4803948" | "4807562" | "4821674" | "4836138" | "4839145" | "4854263" | "4886449" | "4920918" | "4920920" | "4924807" | "4958061" | "4980204" | "4991540" | "4992303" | "4993360" | "4994301" | "5024182" | "5038395" | "5062386" | "5070814" | "5077875" | "5085887" | "5091219" | "5092728" | "5096534" | "5108792" | "5179677" | "5228917" | "5328722" | "5336327" | "5348587" | "5370738" | "5411590" | "5421893" | "5421957" | "5455069" | "5525157" | "5551982" | "5685906" | "6245149" | "6383330").PN. OR ("6540837").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:11
S154	26	("3627590" | "3761677" | "3801773" | "3817710" | "3956611" | "4184065").PN. OR ("5038395"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:17
S155	11	("3591348" | "4028059" | "4230674" | "4647437" | "4968380" | "5037622" | "5085728" | "5098229").PN. OR ("6139811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:30
S156	52	("3623712" | "3830194" | "4047496" | "4081313" | "4496609" | "4803948").PN. OR ("4920918"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 17:34

S157	255	nonagon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:47
S158	5	nonagon (118|156|438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:47
S159	32	nonagon semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:48
S160	2110	cylind$6 near (vessel|chamber| reactor) (438|118|156|216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:51
S161	1508	cylind$6 adj (vessel|chamber| reactor) (438|118|156|216).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/14 18:51
S162	1	("6110289").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/14 19:05
S163	20	("3796182" | "4081313" | "4496609" | "4823736" | "4858557" | "5053247" | "5207835" | "5288364" | "5444217" | "5580388" | "Re33326").PN. OR ("6110289").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/14 19:07
S164	11	rapid (isothermal|thermal) process$4 (chamber|vessel|react$4) (shape| octagon|nonagon)	US-PGPUB; USPAT; USOCR	WITH	ON	2008/11/14 19:10
S165	408	("3627590" | "3661637" | "4492716" | "4496809" | "4503807" | "4550685" | "4625678" | "4693211" | "4695700" | "4745088" | "4747368" | "4767641").PN. OR ("5000113"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/15 14:03
S166	9657	rapid (thermal|isothermal) process$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:16
S167	902	S166 and (vacuum suction exhaust evacuation) same (oxygen "o.sub.2" detect$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:20
S168	21	S166 and (vacuum suction exhaust evacuation) near (oxygen "o.sub.2" detect$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:20

S169	16	S166 and (vacuum suction exhaust evacuation) near (oxygen "o.sub.2") and (monitor$4 detect$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:21
S170	5	S166 and (vacuum suction exhaust evacuation) with (oxygen "o.sub.2" detect$4) and (quartz near window) and (o-ring)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/15 14:57
S171	667	(rapid (thermal|isothermal) process $4).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:58
S172	129	(rapid (thermal|isothermal) process $4).ti. and (oxygen or "o.sub.2" or "o.sub.3" or ozone)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:58
S173	3	(rapid (thermal|isothermal) process $4).ti. and ((oxygen or "o.sub.2" or "o.sub.3" or ozone) near detect$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 14:59
S174	2	(("6501191") or ("5433785")).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/15 15:07
S175	10	("5016563" | "5303671" | "5365772" | "5834737" | "6015594" | "6190459" | "6246030" | "6248168" | "6350316").PN. OR ("6501191").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/15 15:14
S176	0	(rapid (thermal|isothermal) process $4).ti. and (quartz window seal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:30
S177	6	(rapid (thermal|isothermal) process $4).ti. and (quartz window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:30
S178	7	(rapid (thermal|isothermal) process $4).ti. and (quartz edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:33
S179	4	(rapid (thermal|isothermal) process $4).ti. and (quartz side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:35
S180	7	(rapid (thermal|isothermal) process $4) and (quartz window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:35

S181	12	(rapid (thermal|isothermal) process $4) and (window edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 15:42
S182	66	(rapid (thermal|isothermal) process $4).ti. and (cool$4 near (gas| medium|fluid))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/15 16:00
S183	47	"5710407"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 08:27
S184	1	(rapid (thermal|isothermal) process $4).ti. and (square near window)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:32
S185	25	(rapid (thermal|isothermal) process $4) and window.ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:34
S186	667	(rapid (thermal|isothermal) process $4).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:44
S187	53	(rapid (thermal|isothermal) process $4).ti. and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:44
S188	1600	(rapid (thermal|isothermal) process $4) and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:48
S189	2	(rapid (thermal|isothermal) process $4) and square window	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:48
S190	0	("2004/0069612").URPN.	USPAT	AND	ON	2008/11/17 08:50
S191	6	(rapid (thermal|isothermal) process $4) and square (window or quartz or vessel or chamber)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/17 08:51
S192	1	("6,143,079,").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 08:51

S193	21	("4793283" | "4821674" | "4920918" | "4958061" | "5033407" | "5085887" | "5108792" | "5221556" | "5250323" | "5269847" | "5573566" | "5582866" | "5641358").PN. OR ("6143079").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 08:52
S194	28	("20020185062" | "4540466" | 4558660" | "4793283" | "4821674" | "4846102" | "4920918" | "4958061" | "5033407" | "5085887" | "5108792" | "5221556" | "5250323" | "5269847" | "5532457" | "5573566" | "5582866" | "5641358" | "5792273" | "5819434" | "6021152" | "6029602" | "6099648" | "6143079" | "6159297" | "6290806" | "6454863" | "6454865").PN. OR ("6869485").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 08:57
S195	28	("20020185062" | "4540466" | 4558660" | "4793283" | "4821674" | "4846102" | "4920918" | "4958061" | "5033407" | "5085887" | "5108792" | "5221556" | "5250323" | "5269847" | "5532457" | "5573566" | "5582866" | "5641358" | "5792273" | "5819434" | "6021152" | "6029602" | "6099648" | "6143079" | "6159297" | "6290806" | "6454863" | "6454865").PN. OR ("6869485").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:04
S196	21	("4793283" | "4821674" | "4920918" | "4958061" | "5033407" | "5085887" | "5108792" | "5221556" | "5250323" | "5269847" | "5573566" | "5582866" | "5641358").PN. OR ("6143079").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:07
S197	24	("4839145" | "4846102" | "4993360" | "5044315" | "5077875" | "5190592" | "5228501" | "5244694" | "5261960" | "5288327" | "5304247" | "5370738" | "5405446" | "5441568" | "5685906" | "6093252" | "6143079" | "6185839" | "6254933" | "6325858" | "6355108" | "6383330" | "6464792" | 6583638").PN. OR ("7163587").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:10
S198	16	("4755654" | "5085887" | "5574247" | "6090458" | "6099648" | "6156079").PN. OR ("6437290").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:16
S199	3	S198 and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 09:18
S200	905	35-39 and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 09:19

S201	17	(S193 S194 S195 S196 S197) and square	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 09:19
S202	327	cold near wall near chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 09:32
S203	177	cold near wall near chamber	USPAT	OR	ON	2008/11/17 09:32
S204	96	S203 and (118|438|156|216).clas.	USPAT	OR	ON	2008/11/17 09:33
S205	35	S203 and (rapid near thermal near process$4)	USPAT	OR	ON	2008/11/17 09:38
S206	408	("3627590" | "3661637" | "4492716" | "4496809" | "4503807" | "4550685" | "4625678" | "4693211" | "4695700" | "4745088" | "4747368" | "4767641").PN. OR ("5000113").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 09:47
S207	21	("4793283" | "4821674" | "4920918" | "4958061" | "5033407" | "5085887" | "5108792" | "5221556" | "5250323" | "5269847" | "5573566" | "5582866" | "5641358").PN. OR ("6143079").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:03
S208	62	("3636398" | "3796009" | "3836751" | "3969943" | "4255133" | "4349869" | "4358822" | "4430959" | "4435092" | "4616308" | "4634946" | "4639853" | "4680451" | "4688180" | "4694390" | "4714988" | "4720807" | "4736316" | "4761538" | "4769766" | "4828224" | "4836138" | "4854727" | "4890245" | "4904912" | "4913790" | "4919542" | "4959767" | "4969748" | "4975561" | "4984902" | "5010659" | "5032977" | "5098198" | "5099442" | "5156461" | "5221556" | "5225245" | "5291514" | "5301101" | "5377126" | "5488561" | "5549756" | "5623149" | "5660472" | "5707146" | "5740314" | "5743644" | "5755511" | "5790750" | "5793022" | "5802099" | "5820261" | "6093252" | "6121061" | "6143079" | "6191399" | "6205677" | "6207936" | "6373033" | "6598559" | "RE33326").PN. OR ("7173216").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:04

S209	39	("20020033232" | "3598082" | "3627590" | "3744964" | "4076859" | "4108108" | "4188519" | "4539933" | "4545327" | "4558660" | "4630669" | "4803948" | "4807562" | "4834022" | "4886449" | "4920918" | "4920920" | "4950918" | "5038395" | "5062386" | "5085887" | "5108792" | "5179677" | "5244694" | "5421893" | "5421957" | "5532457" | "5551982" | "5695567" | "5792273" | "6076482" | "6093252" | "6143079" | "6159297" | "6245149" | "6290806" | "6383330" | "6540837" | "6545842").PN. OR ("7169233"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:05
S210	6	("5792273").URPN.	USPAT	AND	ON	2008/11/17 10:09
S211	65	("4290385" | "4913929" | "5108792" | "5217755" | "5226968" | "5261960" | "5269847").PN. OR ("5551982"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:10
S212	13	("5076206" | "5246500" | "5279670" | "5336327" | "5551982" | "6144802").PN. OR ("6332927"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:15
S213	22	("5042423" | "5046909" | "5169684" | "5404894" | "5474612" | "5485486" | "5527393" | "5872889" | "5960159" | "5990585" | "6068441" | "6155773" | "6158941" | "6217663" | "6332927").PN. OR ("6462411"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 10:17
S214	91	(square near window) (118|156|216| 438).clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/17 10:20
S215	82	(square near window) (118|156|216| 438).clas.	US-PGPUB; USPAT	AND	ON	2008/11/17 10:20
S216	3	(rapid (thermal| isothermal) process $4) and square near chamber	US-PGPUB; USPAT	NEAR	ON	2008/11/17 10:23
S217	1	("6,143,079").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 10:24
S218	1	("6501191").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 11:24
S219	10	("5016563" | "5303671" | "5365772" | "5834737" | "6015594" | "6190459" | "6246030" | "6248168" | "6350316").PN. OR ("6501191"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/17 13:25
S220	1680	(rapid (thermal| isothermal) process $4) and gas near flow	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S221	1735	(rapid (thermal| isothermal) process $4) and lateral	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S222	1	(rapid (thermal| isothermal) process $4) and lateral gas flow	US-PGPUB; USPAT	NEAR	ON	2008/11/17 13:32
S223	1	("20050042881").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 13:36

S224	562882	("118" "117" "216" "427" "156" "438").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:54
S225	4075776	chamber vessel reactor container	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S226	3805377	arc$6 curv$8 round$4 annul$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S227	4902492	degree angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:55
S228	82	S224 and (S226 near S227) same S225	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:56
S229	82	S224 and ((S226 near S227) same S225)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 13:56
S230	10074159	compact rapid thermal process$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 14:15
S231	726	compact rapid thermal process$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:15
S232	91	compact rapid thermal process$4 and S224	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:16
S233	113	S224 and (S225 near square)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:32
S234	1320	rapid adj thermal.ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:43

S235	258	rapid adj thermal.ti. and S224	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/11/22 14:43
S236	195	rapid adj thermal.ti. and S224	USPAT	SAME	ON	2008/11/22 14:43
S237	1093	S224 and (heat source shape)	USPAT	SAME	ON	2008/11/22 14:47
S238	7	S224 and (heat source shape)	USPAT	NEAR	ON	2008/11/22 14:47
S239	2	"6702899"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 15:31
S240	29	"6222990"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 16:18
S241	43	("4113547" | "4469529" | "4493977" | "4535227" | "4535228" | "4751370" | "4789771" | "4891499" | "5294778" | "5315092" | "5414244" | "5467220" | "5551982" | "5830277" | "5831249" | "5848889").PN. OR ("6222990"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/22 16:18
S242	9676	(rapid $3thermal process$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:22
S243	5749	S224 and S242	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S244	196	S243 and (exhaust$4|vacuum$4| evacuat$4).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S245	2310	S243 and (exhaust$4|vacuum$4| evacuat$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:23
S246	941	S245 and (diameter|radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:24
S247	1	S245 and (diameter|radius) and lateral adj flow	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:24

S248	109	S243 and (exhaust$4|vacuum$4| evacuat$4).ab. and (diameter|radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:25
S249	242	S243 and (exhaust$4|vacuum$4| evacuat$4).clm. and (diameter| radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:26
S250	13	S243 and (exhaust$4|vacuum$4| evacuat$4).ti. and (diameter|radius)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:26
S251	6	S243 and (exhaust$4|vacuum$4| evacuat$4).clm. and ((diameter| radius) near (port|pipe|vacuum$4| exhaust$4|channel))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/11/22 16:29
S252	105	"4821674"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:25
S253	664	(((heat adj transfer) or cool$4) adj (gas|medium)) and (rapid near $3thermal process$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:48
S254	562882	("118" "117" "216" "427" "156" "438").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 18:49
S255	376	(((heat adj transfer) or cool$4) adj (gas|medium)) and (rapid near $3thermal process$4) and S254	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:49
S256	303	(((heat adj transfer) or cool$4) adj (gas|medium)) and (rapid near $3thermal process$4) and (118|156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:49
S257	4	S255 and spider	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:50
S258	48	(((heat adj transfer) or cool$4) adj (gas|medium)).clm. and (rapid near $3thermal process$4) and (118|156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:51

S259	26	(((heat adj transfer) or cool$4) adj (gas| medium)).clm. and (rapid near $3thermal near process$4) and (118| 156)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:52
S260	2	"20030051665"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/22 18:59
S261	433	lateral near cool$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 15:04
S262	14248	((156/345$,583$) or (118/500,715,50,620)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 15:05
S263	0	S261 and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 15:05
S264	229	(rapid (thermal| isothermal) process $4) and gas near flow and cool$4. clm.	US-PGPUB; USPAT	NEAR	ON	2008/11/25 15:07
S265	46	(rapid (thermal| isothermal) process $4) and gas near flow and (cool$4 near gas).clm.	US-PGPUB; USPAT	NEAR	ON	2008/11/25 15:24
S266	143	("20020000194" | "20020104205" | "20020121242" | "20020137311" | "20030031793" | "20030124820" | "20030209326" | "20030235983" | "20030236642" | "20040018008" | "20040025787" | "20040040508" | "20040058557" | "20050006916" | "20050008351" | "3862397" | "3895967" | "4450652" | "4724621" | "4747928" | "4811493" | "4836138" | "4857689" | "4863547" | "4914276" | "4924073" | "4949783" | "4956538" | "5002010" | "5018616" | "5033407" | "5060354" | "5108792" | "5113929" | "5129360" | "5156820" | "5160545" | "5177878" | "5181556" | "5199483" | "5226732" | "5228501" | "5248370" | "5252366" | "5287914" | "5290381" | "5300453" | "5345999" | "5356476" | "5372648" | "5414244" | "5431700" | "5436172" | "5443997" | "5449883" | "5458687" | "5478401" | "5520742" | "5597458" | "5609689" | "5620560" | "5660472" | "5662469" | "5673750" | "5743643" | "5770515" | "5778968" | "5781693" | "5810933" | "5814365" | "5820942" | "5834068" | "5846375" | "5874711" | "5881208" | "5891790" | "5902494" | "5920797" | "5926742" | "5930456" | "5937142" | "5937541" | "5944857" | "5960158" | "5960555" | "5965047" | "5970214" | "5970382" | "5980637" | "5990016" | "5997175" |	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 15:59

		"6018616" | "6027244" | "6034357" | "6056434" | "6073366" | "6075922" | "6097005" | "6100506" | "6105274" | "6107608" | "6108937" | "6114662" | "6133550" | "6160242" | "6174651" | "6198074" | "6200023" | "6200634" | "6203620" | "6204484" | "6209220" | "6209480" | "6210484" | "6215106" | "6222990" | "6232580" | "6235656" | "6238588" | "6239038").PN. OR ("6280790" | "6281141" | "6293696" | "6307184" | "6310328" | "6359263" | "6387182" | "6403923" | "6408537" | "6414276" | "6423947" | "6506691" | "6514876" | "6559424" | "6610967" | "6638876" | "6717158" | "6727474" | "6770146" | "6771895" | "6797312" | "6808758" | "6835914").PN. OR ("7226488").URPN.				
S267	40	S266 and rtp	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:03
S268	98	("3796099" | "4408878" | "4611930" | "4659234" | "4708474" | "4881823" | "4919542" | "4956538" | "4979134" | "5011295" | "5029117" | "5226732" | "5326171").PN. OR ("5660472"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:10
S269	40	"5226732"	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:13
S270	143	("20020000194" | "20020104205" | "20020121242" | "20020137311" | "20030031793" | "20030124820" | "20030209326" | "20030235983" | "20030236642" | "20040018008" | "20040025787" | "20040040508" | "20040058557" | "20050006916" | "20050008351" | "3862397" | "3895967" | "4450652" | "4724621" | "4747928" | "4811493" | "4836138" | "4857689" | "4863547" | "4914276" | "4924073" | "4949783" | "4956538" | "5002010" | "5018616" | "5033407" | "5060354" | "5108792" | "5113929" | "5129360" | "5156820" | "5160545" | "5177878" | "5181556" | "5199483" | "5226732" | "5228501" | "5248370" | "5252366" | "5287914" | "5290381" | "5300453" | "5345999" | "5356476" | "5372648" | "5414244" | "5431700" | "5436172" | "5443997" | "5449883" | "5458687" | "5478401" | "5520742" | "5597458" | "5609689" | "5620560" | "5660472" | "5662469" | "5673750" | "5743643" | "5770515" | "5778968" | "5781693" | "5810933" | "5814365" | "5820942" | "5834068" | "5846375" | "5874711" | "5881208" | "5891790" | "5902494" | "5920797" | "5926742" | "5930456" | "5937142" | "5937541" |	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 16:14

		"5944857" | "5960158" | "5960555" | "5965047" | "5970214" | "5970382" | "5980637" | "5990016" | "5997175" | "6018616" | "6027244" | "6034357" | "6056434" | "6073366" | "6075922" | "6097005" | "6100506" | "6105274" | "6107608" | "6108937" | "6114662" | "6133550" | "6160242" | "6174651" | "6198074" | "6200023" | "6200634" | "6203620" | "6204484" | "6209220" | "6209480" | "6210484" | "6215106" | "6222990" | "6232580" | "6235656" | "6238588" | "6239038").PN. OR ("6280790" | "6281141" | "6293696" | "6307184" | "6310328" | "6359263" | "6387182" | "6403923" | "6408537" | "6414276" | "6423947" | "6506691" | "6514876" | "6559424" | "6610967" | "6638876" | "6717158" | "6727474" | "6770146" | "6771895" | "6797312" | "6808758" | "6835914").PN. OR ("7226488").URPN.				
S271	11	"6133152"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:43
S272	0	"10631516"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S273	0	"10" 631516"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S274	2	"20050268567"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 16:44
S275	4	"rapid thermal processing" and "cooling gas" near exhaust	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:10
S276	1	2005-008369.NRAN.	DERWENT	AND	ON	2008/11/25 17:11
S277	141	S262 and cool$4 near second	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:20
S278	7	S262 and (cool$4 near second near gas)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:20

S279	3	S262 and (cool$4 near second) with gas with cap	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:30
S280	3	S262 and (cool$4 near second) with gas with cap and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 17:30
S281	6	US-6143081-$.DID. OR US-5903711-$.DID. OR US-3511199-$.DID. OR US-7642766-$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/11/25 18:08
S282	1	("6143081").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/25 18:10
S283	0	("2006/0057799").URPN.	USPAT	AND	ON	2008/11/25 18:15
S284	155535	cool$4 gas (wafer|substrate) surface	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	AND	ON	2008/11/25 18:30
S285	111455	cool$4 gas (wafer|substrate) surface (lateral|side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:30
S286	187	cool$4 gas (wafer|substrate) surface (lateral|side)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/25 18:30
S287	27	S286 and S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/25 18:31
S288	2	"2002278199"	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	AND	ON	2008/11/25 18:41
S289	3	"2002-278199"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:42
S290	91	Horiguchi NEAR Takahiro	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:43
S291	0	(cool$4 near gas)".clm" S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:51

S292	153	(cool$4 near gas).clm. S262	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/25 18:52
S293	1	PCT/JP03/12085	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 09:49
S294	159	rtp and gas near manifold	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S295	0	rtp and gas near manifold near cool $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S296	11	rtp and gas near manifold.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:19
S297	40	08/637616	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 11:24
S298	18	"522556"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/26 12:19
S299	2	((("5221556") or ("5269847")).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/26 12:20
S300	12	("5820686" | "5851299" | "5884412").PN. OR ("6133152").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 10:46
S301	1	S300 and water	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 10:49
S302	12	("5820686" | "5851299" | "5884412").PN. OR ("6133152").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 15:10
S303	0	(method apparatus for purging the back side of a substrate during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 15:50
S304	0	(purging the back side of a substrate during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/12/01 15:50

S305	0	(purging during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/12/01 15:50
S306	2	(purging during chemical vapor processing).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/12/01 15:50
S307	9	US-6157106-$.DID. OR US-2052000-$.DID. OR US-6222990-$.DID. OR US-6133152-$.DID. OR JP-2003289050-$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/12/01 19:22

12/2/2008 4:58:38 PM
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